

## DETACHABLE SEGMENT STENT

## ABSTRACT OF THE DISCLOSURE

5                   An inventive repositionable stent may comprise a plurality of adjacent  
serpentine bands connected to one another by at least one permanent connector strut and  
by at least one disengagable connector strut. The stent may self-expand within a bodily  
lumen to an intermediate deployment diameter, wherein the stent is constrained from  
further expansion by the at least one disengagable connector strut. The stent may be  
10 repositioned within the bodily lumen while in the intermediate deployment  
configuration. The disengagable connector strut may be disengaged via electrolytic  
detachment, whereupon the stent may expand to a full deployment diameter.

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